Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 24 Feb 2021 until 23:59 on Thursday 25 Feb 2021

Forecast Issued on Tuesday 23 Feb 2021 at 08:18

Confidence: High for wet and windy weather until Thursday, but there is some uncertainty over the timing of the rain clearing. High for building pressure into the weekend bringing settled weather.

Headline for Wednesday 24 Feb 2021: Wet and remaining windy.

Mountain weather hazards on Wednesday 24 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain
Precipitation probability							
90%	90%	>95%	>95%	90%	90%	90%	70%

Forecast for Wednesday 24 Feb 2021

Weather: Another wet and dull day with persistent and often heavy rain continuing to spread from the southwest bringing widely poor visibility. Some drier interludes are possible but short lived, although the rain will gradually reduce in intensity through evening.

Chance of cloud free mountain/hill tops above 600m: No chance.

Visibility: Cloud will be thick and extensive above 400-500m. Below this, rain will make visibility very hazy and often limited to a few kilometres. Best of any limited shelter expected across the sheltered eastern Dales.

Forecast for Wednesday 24 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/45 S	30/42 SW	27/38 SW	24/34 SW	21/31 SW	18/25 SW	15/22 SW	17/25 SW	16/24 SW
300	17/37 S	17/36 SW	14/31 SW	12/27 SW	12/26 SW	10/21 SW	8/18 SW	11/23 SW	11/22 SW
Valley	16/36 S	16/35 SW	13/30 SW	10/23 SW	10/23 SW	8/18 SW	7/15 SW	10/20 SW	9/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	8/2	7/2	6/1	6/1	5/1	5/0	4/-0	4/-1
300	9/6	10/6	9/6	8/5	8/5	8/5	7/5	6/3	6/3
Valley	10/7	10/7	10/7	9/6	9/6	8/6	8/6	7/5	7/4
Freezing Level*	2500m	2300m	2100m	2000m	1800m	1700m	1700m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent and continuing wet weather will leave ground sodden and watercourses swollen making for slower progress. Although temperatures will be above freezing, strong winds and rain will give a cold feel to the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 23 Feb 2021	0.4mm	6.2mm	7.6mm

Forecast for Thursday 25 Feb 2021

Weather: A marked change to Wednesday as rain clears southwards overnight to leave dry, bright and increasingly sunny weather. Occasionally fresh westerly winds will bring a cold feel on higher ground. Chance of the odd light shower through evening.

Maximum wind: West or southwest 20-25 gusting 35mph, easing a little through afternoon.

Chance of cloud free mountain/hill tops above 600m: 90%.

Visibility: In stark contrast to Wednesday, wide reaching views are expected. Some patchy cloud may linger above around 600m.

Temperature: **Valleys:** 5-7C.
At 600m: 2 or 3C.
Freezing level: Above summits.